

FORM PTO 1445

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. SECRET NO.

SERIAL NO.

IAF-14

07/835964

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

Coates et al


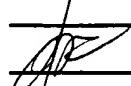
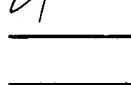
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February 20, 1992

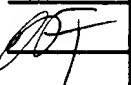

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 3 3 6 8 8 1	6/22/82	Nagata et al.	544	313	11/3/80
	5 0 3 9 5 5 7	8/13/91	Tyrrell et al.	514	45	8/5/88
	5 0 4 7 4 0 7	9/10/91	Belleau et al.	514	274	2/8/89

FOREIGN PATENT DOCUMENTS


	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 0 212 409 B1	3/4/87	Europe	317	36		
	EP 0 302 760	6/6/88	Europe	31	70		
	EP 0 337 713 A2	10/18/89	Europe	473	32		
	EP 0 349 242 A2	1/3/90	Europe	473	00		
	EP 0 363 582 A1	4/18/90	Europe	405	06		
	EP 0 382 526 A2	2/8/89	Europe	473	00		
	EP 0 421 777 A1	4/10/91	Europe	19	067		
	GB 2 063 257 A	6/3/81	Great Britain	239	54		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

 Baba et al., "Both 2',3'-Dideoxythymidine and its 2',3'-Unsaturated Derivative (2',3'-Dideoxythymidinene) are Potent and Selective Inhibitors of Human Immunodeficiency Virus Replication in vitro", Biochemical and Biophysical Research Communications, 142(1) pp. 128-134 (1987) ("Baba").

EXAMINER

DATE CONSIDERED

 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

12-24-92

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REF ID: A61161

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FORM PTO-1049

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

PATENT DOCKET NO.

SERIAL NO.

IAF-14

07/835964

INFORMATION DISCLOSURE
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APPLICANT

Coates et al

FILING DATE

February 20, 1992

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1202

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER
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Belleau et al., "Design And Activity Of A Novel Class Of Nucleoside Analogs Effective Against HIV-1", Fifth International Conference on AIDS, Montreal, Canada, Abstract T.C.O. 1 (1989) ("Belleau").

Carlisle et al., "Cellular Pharmacology Of The Anti-HIV Agent BCH-189 (2'-Deoxy-3'-Thiacytidine) In Human Peripheral Blood Mononuclear Cells (PBMC)", American Association for Cancer Research Proceedings, 31, abstract 2435, (1990) ("Carlisle").

Gosselin et al., "Systematic Synthesis And Biological Evaluation Of α - and β -D-Lyxofuranosyl Nucleotides Of The Five naturally Occurring Nucleic Acid Bases", J. Med. Chem., 30, pp. 1270-1278 (1987) ("Gosselin").

Herdewijn et al., "3'-Substituted 2',3'-Dideoxynucleoside Analogues as Potential as Potential anti-HIV (HTLV-III/LAV) Agents", J. Med. Chem., 30, pp. 1270-1278 (1987) ("Herdewijn").

Lin et al., "Synthesis and Antiviral Activity of Various 3'-Azido, 3'-Amino, 2',3'-Unsaturated, and 2',3'-Dideoxy Analogues of Pyrimidine Deoxyribonucleosides against Retroviruses", J. Med. Chem., 30, pp. 440-444 (1987) ("Lin").

Mitsuya et al., "3'-Azido-3'-Deoxythymidine (BW A509U): An Antiviral Agent that Inhibits the Infectivity and Cytopathic Effect of Human T-Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus in vitro", Proc. Natl. Acad. Sci. USA, 82, pp. 7096-7100 (1986) ("Mitsuya-1").

Mitsuya et al. "Inhibition of the in vitro Infectivity and Cytopathic Effect of Human T-Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus (HTLV-III/LAV) by 2', 3'-Dideoxynucleosides", Proc. Natl. Acad. Sci. USA, 83, pp. 1911-1915 (1986) ("Mitsuya-2").

Wainberg et al., "Anti-HIV Activity, Toxicity And Pharmacokinetics Of Totally Novel Nucleoside Analogs," Fifth International Conference on AIDS, Montreal, Canada, Abstract M.C.P. 63, p. 552, (1989) ("Wainberg-1").

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FORM PTO-149

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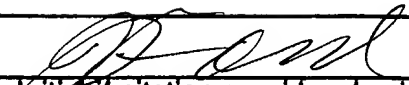
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER
INITIAL

Wainberg et al., "Characterization Of AZT-Resistant Isolates Of HIV-1: Susceptibility To Deoxythiacytidine And Other Nucleosides", Sixth International Conference on AIDS, San Francisco, California, Volume 3, Abstract S.B.87, p. 117 (1990) ("Wainberg-2").

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